

ABSTRACT OF DISCLOSURE

A method for manufacturing a magnet roller makes it possible to reduce defects on the surface or the inside of a magnet roller and also to control "warp" of the magnet roller sufficiently so that it does not adversely affect the functions of the magnet roller. The method employs a metal mold for magnetic field injection molding and a magnetic field generator disposed around the metal mold. The metal mold is composed of two fixed mold counterparts and a movable mold counterpart. The method comprises moving the movable mold such that the cavity volume is increased in accordance with the amount of the resin-bonded magnet material that is simultaneously injected in the cavity in a molten state, this step being performed in parallel with the step of magnetizing a magnet body being molded in the cavity by the magnetic field generator disposed around the metal mold.